

Page 74, line 22, delete "systems" and insert -- system --.

In the Claims

Please amend claims 15 and 16 as follows:

1 15. (Amended) The method [signal processing system] of claim
2 14 wherein the selected format comprises pulse code modulation.

1 16. (Amended) The method [signal processing system] of claim
2 14 wherein said one of the formats not selected by the encoder
3 comprises information modulated by a voiceband carrier.

Please add claims 71-94 as follows:

1 -- 71. A signal processing system, comprising:
2 encoding means for selectively encoding information.
3 having one format from a signal having a plurality of different
4 formats, one of the different formats not selected by the encoding
5 means being modulated; and
6 driving means for selectively outputting onto a packet
7 based network the encoded information and demodulated information
8 from said one of the different formats. --

1 -- 72. The signal processing system of claim 71 wherein the
2 selected format comprises pulse code modulation. --

1 -- 73. The signal processing system of claim 71 wherein said one
2 of the formats not selected by the encoding means comprises
3 information modulated by a voiceband carrier. --

1 -- 74. The signal processing system of claim 71 wherein the
2 encoded information comprises voice signals. --

1 -- 75. The signal processing system of claim 74 further
2 comprising suppression means for suppressing the voice signals
3 without speech. --

1 -- 76. The signal processing system of claim 75 further
2 comprising means for generating comfort noise parameters when the
3 suppression means suppresses the voice signals, said comfort noise
4 parameters being selectively outputted by the driving means. --

1 -- 77. The signal processing system of claim 71 further
2 comprising means for decoding packets of information from the
3 packet based network. --

1 -- 78. The signal processing system of claim 77 wherein the
2 information packets include voice signals, the signal processing
3 system further comprising means for detecting the voice signals
4 without speech, and noise generation means for inserting comfort
5 noise in place of the voice signals without speech. --

1 -- 79. The signal processing system of claim 78 further
2 comprising means for generating comfort noise parameters from at
3 least a portion of the voice signals without speech, the noise
4 generation means being responsive to the comfort noise parameters.
5 --

1 -- 80. The signal processing system of claim 77 wherein the
2 information packets include voice signals, the signal processing
3 system further comprising means for detecting lost voice signals,
4 and means for processing the voice signals to compensate for the
5 lost voice signals. --

1 -- 81. The signal processing system of claim 71 further
2 comprising compensation means for receiving packets of information

3 of varying delay from the packet based network and compensating for
4 the delay variation of the information packets. --

1 -- 82. The signal processing system of claim 81 wherein the
2 compensation means comprises queue means for buffering the
3 received information for a holding time, and means for adaptively
4 adjusting the holding time of the received information. --

1 -- 83. Computer-readable media embodying a program of
2 instructions executable by a computer to perform a method of
3 processing signals, the method comprising:

4 selectively encoding information having one format from
5 a signal having a plurality of formats; and

6 selectively outputting onto a packet based network the
7 encoded information and demodulated information from one of the
8 formats not selected. --

1 -- 84. The computer-readable media of claim 83 wherein the
2 selected format comprises pulse code modulation. --

1 -- 85. The computer-readable media of claim 83 wherein said one
2 of the formats not selected by the encoder comprises information
3 modulated by a voiceband carrier. --

1 -- 86. The computer-readable media of claim 83 wherein the
2 extracted information includes voice signals. --

1 -- 87. The computer-readable media of claim 86 wherein the
2 method further comprises suppressing the voice signals, when the
3 voice signals do not comprise speech. --

1 -- 88. The computer-readable media of claim 87 wherein the
2 suppression of the voice signals comprises generating comfort noise
3 parameters in place thereof. --

1 -- 89. The computer-readable media of claim 83 wherein the
2 method further comprises receiving information packets of varying
3 delay from the packet based network, and compensating for the delay
4 variation of the information packets. --

1 -- 90. The computer-readable media of claim 89 wherein the
2 information packet compensation comprises generating an isochronous
3 stream of the information. --

1 -- 91. The computer-readable media of claim 90 wherein the
2 isochronous stream generation comprises adaptively buffering the
3 information. --

1 -- 92. The computer-readable media of claim 83 wherein the
2 method further comprises receiving packets of voice signals from
3 the packet based network, identifying the received voice signals
4 without speech, and inserting comfort noise in place of the
5 identified voice signals without speech. --

1 -- 93. The computer-readable media of claim 93 wherein the
2 comfort noise insertion comprises estimating comfort noise in
3 response to at least a portion of the received voice signals
4 without speech. --

1 -- 94. The computer-readable media of claim 83 wherein the
2 method further comprises receiving packets of voice signals from
3 the packet based network, detecting lost voice signals, decoding
4 the received voice signals, and processing the decoded voice
5 signals to compensate for the lost voice signals. --